

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	19	((port near3 sett\$3)or (communication adj2 protocol\$1) or (operati\$3 adj2 parameter\$1))with (different near3 (devic\$2 or apparatus)))same (provision\$4 or reconfigur\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/01 07:21
L2	60	((port near3 sett\$3)or (communication adj2 protocol\$1) or (operati\$3 adj2 parameter\$1))with (different near3 (devic\$2 or apparatus)))same (server)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/01 07:21
L3	5	l2 and (model near3 based)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/01 07:30
L4	0	l2 and (heterogeneous)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/01 07:25
L5	0	((automatic\$4 or select\$5 or adapt\$4 or dynamic\$4)near5 (upgrad\$4 or instal\$4 or configur\$5 or provision\$4))with ((pluralit\$3 or different)near3 softwar\$2))same heterogeneous	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/01 07:27
L6	0	((automatic\$4 or select\$5 or adapt\$4 or dynamic\$4)near5 (upgrad\$4 or instal\$4 or configur\$5 or provision\$4))same heterogeneous)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/01 07:29
L7	0	(heterogeneous near2 enviornment) with (provision\$4 or configur\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/01 07:29
L8	0	(heterogeneous near2 enviornment) with (provision\$4 or configur\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/01 07:29

L9	232	((automatic\$4 or select\$5 or adapt\$4 or dynamic\$4)near5 (upgrad\$4 or instal\$4 or configur\$5 or provision\$4))same heterogeneous)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/01 07:29
L10	67	I9 and (network near2 (devic\$2 or apparatus))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/01 07:30
L11	17	I9 and (model near3 based)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/01 08:10
L12	10	I10 and (model near3 based)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/01 07:31
L13	25299	"713"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/01 08:09
L14	19	I13 and (((automatic\$4 or select\$5 or adapt\$4 or dynamic\$4)near5 (upgrad\$4 or instal\$4 or configur\$5 or provision\$4))with ((pluralit\$3 or different)near3 softwar\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/01 09:47
L15	8562	"717"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/01 08:09
L16	50	I15 and (((automatic\$4 or select\$5 or adapt\$4 or dynamic\$4)near5 (upgrad\$4 or instal\$4 or configur\$5 or provision\$4))with ((pluralit\$3 or different)near3 softwar\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/01 08:49

L17	651	I15 and (model near3 based)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/01 09:47
L18	4	I16 and (model near3 based)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/01 08:30
L19	1	WO00/77599	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/01 08:37
L20	0	WO00/77599	EPO; DERWENT	OR	ON	2005/06/01 08:35
L21	0	WO00/77599	EPO; DERWENT	OR	ON	2005/06/01 08:36
L22	130740	sony.asn.	EPO; DERWENT	OR	ON	2005/06/01 08:36
L23	0	I22 and "77599"	EPO; DERWENT	OR	ON	2005/06/01 08:36
L24	1	WO00/77599.ptpn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/01 08:39
L25	307	I15 and (model adj2 based)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/01 08:48
L26	1	I25 and (((automatic\$4 or select\$5 or adapt\$4 or dynamic\$4)near5 (upgrad\$4 or instal\$4 or configur\$5 or provision\$4))with ((pluralit\$3 or different)near3 softwar\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/01 08:50
L27	4	I25 and (((automatic\$4 or select\$5 or adapt\$4 or dynamic\$4)near5 (upgrad\$4 or instal\$4 or configur\$5 or provision\$4))same ((pluralit\$3 or different)near3 softwar\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/01 08:51

L28	1	I25 and (install\$4 near3 agent)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/01 09:05
L29	106	suorsa.inv.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/01 09:06
L30	11	I29 and raymond	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/01 09:42
L31	2	"6658426".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/01 09:46
L32	0	"707".\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/01 09:46
L33	26978	"707"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/01 10:25
L34	4	I17 and (((automatic\$4 or select\$5 or adapt\$4 or dynamic\$4)near5 (upgrad\$4 or instal\$4 or configur\$5 or provision\$4))with ((pluralit\$3 or different)near3 softwar\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/01 10:25
L35	1970	I33 and (model near3 based)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/01 10:25

L36	0	I35 and (((automatic\$4 or select\$5 or adapt\$4 or dynamic\$4)near5 (upgrad\$4 or instal\$4 or configur\$5 or provision\$4))with ((pluralit\$3 or different)near3 softwar\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/01 09:47
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L38	36653	"709"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/01 10:25
L39	1814	I38 and (model near3 based)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/01 12:54
L40	2	I39 and (((automatic\$4 or select\$5 or adapt\$4 or dynamic\$4)near5 (upgrad\$4 or instal\$4 or configur\$5 or provision\$4))with ((pluralit\$3 or different)near3 softwar\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/01 12:02
L41	0	(model near3 based)same (((automatic\$4 or select\$5 or adapt\$4 or dynamic\$4)near5 (upgrad\$4 or instal\$4 or configur\$5 or provision\$4))with ((pluralit\$3 or different)near3 softwar\$2)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/01 12:02
L42	0	(model near3 based)same (((automatic\$4 or select\$5 or adapt\$4 or dynamic\$4 or remot\$3)near5 (upgrad\$4 or instal\$4 or configur\$5 or provision\$4))with ((pluralit\$3 or different)near3 softwar\$2)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/01 12:05
L43	316	(model near3 based)same (((automatic\$4 or select\$5 or adapt\$4 or dynamic\$4 or remot\$3)near5 (upgrad\$4 or instal\$4 or configur\$5 or provision\$4))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/01 12:03

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L45	2	l43 and (instal\$4 near3 agent)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/01 12:04
L47	120	l43 and ((stor\$4 or sav\$4)near5 database)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/01 12:06
L48	11	l47 and (agent with retriev\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/01 12:40
L49	4	"6421719".uref.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/01 12:36
L50	14	l47 and (retriev\$4 near6 software)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/01 12:44
L51	0	l47 and ((retriev\$4 near6 software)with agent)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/01 12:40
L52	0	l47 and ((retriev\$4 near6 software)same agent)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/01 12:41

L53	9	l47 and ((retriev\$4 near6 software)and agent)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/01 12:55
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L55	1	"6816964".uref.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/01 12:47
L56	153	((internet or web)near3 server\$1)near6 (provision\$4 or configur\$4 or instal\$4))with automatic\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/01 12:54
L57	5	l56 and (model near3 based)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/01 12:54
L58	1	l57 and ((retriev\$4 near6 software)and agent)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/01 14:28
L59	2	"5261044".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/01 14:33
L60	264	(automatic\$4 near5 (instal\$4 or provision\$4 or configur\$5))same (different near6 (software or parameter\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/01 16:21

L61	1	l60 and (model with ((stor\$4 or sav\$4)near6 database))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/01 14:37
L62	14	l60 and (model same ((stor\$4 or sav\$4)near6 database))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/01 15:11
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L64	82	"6009274".uref.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/01 15:47
L65	2	"6816964".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/01 16:10
L66	308	((database or server)with model)same ((different or plural\$3)adj6 (devic\$2 or software))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/01 16:12
L67	2	l66 same (operati\$3 near2 parameter\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/01 16:16
L68	31	l66 and (operati\$3 near2 parameter\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/01 16:16

L69	13	I66 and ((instal\$4 or download\$4)near3 agent)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/01 16:27
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L71	54	I66 and (model adj2 based)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/01 16:18
L72	0	I71 and ((instal\$4 or download\$4)near3 agent)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/01 16:19
L73	13	I71 and (agent)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/01 16:19
L74	8	I66 and ((automatic\$4 near5 (instal\$4 or provision\$4 or configur\$5))same (different near6 (software or parameter\$1)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/01 16:22

S3	0	((stor\$4 or sav\$4) with (((pluralit\$3 or different)near3 softwar\$2)with (configur\$5 near3 parameter\$1))))same (database adj3 model)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/26 16:19
S4	21	("6123737" "6286041" "6088797" "6108420" "6009274" "6546553" "6418555" "6347398" "6314565" "6134593").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/26 16:20
S5	10	("6123737" "6286041" "6088797" "6108420" "6009274" "6546553" "6418555" "6347398" "6314565" "6134593").pn.	USPAT; USOCR; EPO; JPO	OR	ON	2005/05/26 16:20

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L1	10	("6023464" "5835911" "5742829" "6598090" "6167358" "6226679" "5781703" "6396810" "6577614" "5920567").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/02 07:49
L2	13	("5832503" "6516347" "6598090" "6662221" "6304549" "5249274" "5655081" "5838907" "5996010" "6463528" "6185466" "6286038" "6029196").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/02 08:42
L3	3	("6009274" "6138153" "6802061").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/02 07:52
L4	1	("6349306").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/02 08:51
L5	1	("5832503").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/02 08:51
L6	1	("6349306").uref.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/02 08:52
L7	247	((automatic\$4 or automat\$3 or dynamic\$4)near5 provision\$4)with (server\$1 or (network adj (devic\$2 or apparatus)))	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/02 08:54
L8	267	((automatic\$4 or automat\$3 or dynamic\$4)near5 provision\$4)with (server\$1 or router\$1 or (network adj (devic\$2 or apparatus)))	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/02 08:55
L9	347	((automatic\$4 or automat\$3 or dynamic\$4)near5 provision\$4)with (server\$1 or router\$1 or (network adj (devic\$2 or apparatus)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/02 08:55
L10	22	I9 same (deply\$4 or rescal\$4 or recover\$4 or reconfigur\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/02 09:00
L11	12	I9 and (model adj based)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/02 09:28

L12	12	I11 and (model adj based)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/02 08:58
L13	2	I10 and (model adj based)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/02 08:57
L14	2	"6421719".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/02 09:23
L15	5	I9 and ((retiev\$4 or captur\$4)with agent)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/02 09:28



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- ☐ 2. **Multirate and event-driven Kalman filters for helicopter flight**
 Sridhar, B.; Smith, P.; Suorsa, R.E.; Hussien, B.;
 Control Systems Magazine, IEEE
 Volume 13, Issue 4, Aug. 1993 Page(s):26 - 33
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- ☐ 3. **Comparison of motion and stereo methods in passive ranging systems**
 Sridhar, B.; Suorsa, R.;
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- ☐ 4. **Multirate and event driven Kalman filters for helicopter passive ranging**
 Sridhar, B.; Smith, P.; Suorsa, R.; Hussien, B.;
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- ☐ 5. **Computer architectures for a real-time passive ranging algorithm**
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 25-28 Oct. 1993 Page(s):292 - 297
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- ☐ 6. **A parallel implementation of a multisensor feature-based range-estimation method**
 Suorsa, R.E.; Sridhar, B.;
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 15-17 June 1993 Page(s):379 - 385
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- ☐ 7. **Parallel processing systems for passive ranging during helicopter flight**
 Sridhar, B.; Suorsa, R.E.;
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↑ ABSTRACT

In this paper, we describe some of the considerations for designing highly trafficked web sites with read-only or read mostly characteristics.

↑ INDEX TERMS

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↳ **H.3.5** [On-line Information Services](#)

↳ **Subjects:** [Web-based services](#)

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↑ **This Article has also been published in:**

- **ACM SIGMOD Record**
Volume 27 , Issue 2 (June 1998)

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1 [Web site analysis and customization: Web customization using behavior-based remote executing agents](#)

Eugene Hung, Joseph Pasquale

 May 2004 **Proceedings of the 13th international conference on World Wide Web**

 Full text available: [pdf\(128.60 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

ReAgents are remotely executing agents that customize Web browsing for non-standard clients. A reAgent is essentially a one-shot" mobile agent that acts as an extension of a client dynamically launched by the client to run on its behalf at a remote more advantageous location. ReAgents simplify the use of mobile agent technology by transparently handling data migration and run-time network communications and provide a general interface for programmers to more easily implement their application-sp ...

Keywords: dynamic deployment, remote agents, web customization

2 [Distributed systems - programming and management: On remote procedure call](#)

Patrícia Gomes Soares

 November 1992 **Proceedings of the 1992 conference of the Centre for Advanced Studies on Collaborative research - Volume 2**

 Full text available: [pdf\(4.52 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

The Remote Procedure Call (RPC) paradigm is reviewed. The concept is described, along with the backbone structure of the mechanisms that support it. An overview of works in supporting these mechanisms is discussed. Extensions to the paradigm that have been proposed to enlarge its suitability, are studied. The main contributions of this paper are a standard view and classification of RPC mechanisms according to different perspectives, and a snapshot of the paradigm in use today and of goals for t ...

3 [Agents, interactions, mobility, and systems \(AIMS\): Using mobile agents as roaming security guards to test and improve security of hosts and networks](#)

Marco Carvalho, Thomas Cowin, Niranjan Suri, Maggie Breedy, Kenneth Ford

 March 2004 **Proceedings of the 2004 ACM symposium on Applied computing**

 Full text available: [pdf\(307.45 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

This paper discusses the design and implementation details of MAST (Mobile Agent-based Security Tool), a new mobile agent-based network security approach. MAST has been designed to support flexible and customizable network security tasks and training. This paper focuses on the implementation details and security aspects of MAST's components, services, and mobile-agent architecture

Keywords: IHMC, MAST, concept maps, knowledge models, mobile agents, network security

4 Full papers: A taxonomy of DDoS attack and DDoS defense mechanisms

Jelena Mirkovic, Peter Reiher

April 2004 **ACM SIGCOMM Computer Communication Review**, Volume 34 Issue 2

Full text available:  [pdf\(209.38 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

Distributed denial-of-service (DDoS) is a rapidly growing problem. The multitude and variety of both the attacks and the defense approaches is overwhelming. This paper presents two taxonomies for classifying attacks and defenses, and thus provides researchers with a better understanding of the problem and the current solution space. The attack classification criteria was selected to highlight commonalities and important features of attack strategies, that define challenges and dictate the design ...

5 Semantic interfaces and OWL tools: Semantic email

Luke McDowell, Oren Etzioni, Alon Halevy, Henry Levy

May 2004 **Proceedings of the 13th international conference on World Wide Web**

Full text available:  [pdf\(508.79 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

This paper investigates how the vision of the Semantic Web can be carried over to the realm of email. We introduce a general notion of semantic mail, in which an email message consists of an RDF query or update coupled with corresponding explanatory text. Semantic email opens the door to a wide range of automated, email-mediated applications with formally guaranteed properties. In particular, this paper introduces a broad class of *semantic email processes*. For example consider the process ...

Keywords: decision-theoretic, formal model, satisfiability, semantic web

6 Fast detection of communication patterns in distributed executions

Thomas Kunz, Michiel F. H. Seuren

November 1997 **Proceedings of the 1997 conference of the Centre for Advanced Studies on Collaborative research**

Full text available:  [pdf\(4.21 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Understanding distributed applications is a tedious and difficult task. Visualizations based on process-time diagrams are often used to obtain a better understanding of the execution of the application. The visualization tool we use is Poet, an event tracer developed at the University of Waterloo. However, these diagrams are often very complex and do not provide the user with the desired overview of the application. In our experience, such tools display repeated occurrences of non-trivial commun ...

7 Foundation of a framework to support knowledge management in the field of context-aware and pervasive computing

Philipp Amann, Gerald Quirchmayr

January 2003 **Proceedings of the Australasian information security workshop conference on ACSW frontiers 2003 - Volume 21**

Full text available:  [pdf\(761.39 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

In this paper we propose a framework to combine Knowledge Management and context-aware and pervasive computing, emphasizing on synchronization and adaptation issues of workflow processes in mobile settings. The key aspect of the proposed framework is to enable adaptive, two-way interaction between context-aware systems and users in mobile settings. In contrast to existing concepts, we aim at capturing active feedback from users, which should contribute to the *Organizational Memory*, after ...

Keywords: WfMS, adaptability, context-awareness, knowledge management, local autonomy, pervasive computing, synchronization

8 Vision & challenges: Global growth of open access networks: from warchalking and connection sharing to sustainable business

Roberto Battiti, Renato Lo Cigno, Fredrik Orava, Bjorn Pehrson

September 2003 **Proceedings of the 1st ACM international workshop on Wireless mobile applications and services on WLAN hotspots**

Full text available:  [pdf\(226.85 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

This paper discusses the evolution of W-LAN starting from the mere extension of LAN services indoors, through the widespread diffusion of outdoors coverage with free and often un-authorized access, to the business models supporting their evolution to public coverage HotSpots. Besides, the idea of Open Access Networks (OANs) going beyond wireless HotSpots to become a shared access infrastructure fostering service operators competition is introduced and discussed. The concept of Open Access Network ...

Keywords: 802.11, WiFi, mobility, open access networks

9 Planning text for advisory dialogues: capturing intentional and rhetorical information

Johanna D. Moore, Cécile L. Paris

December 1993 **Computational Linguistics**, Volume 19 Issue 4

Full text available:  [pdf\(3.22 MB\)](#) 

[Publisher Site](#)


Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

To participate in a dialogue a system must be capable of reasoning about its own previous utterances. Follow-up questions must be interpreted in the context of the ongoing conversation, and the system's previous contributions form part of this context. Furthermore, if a system is to be able to clarify misunderstood explanations or to elaborate on prior explanations, it must understand what it has conveyed in prior explanations. Previous approaches to generating multisentential texts have relied ...

10 The impact of information systems on organizations and markets

Vijay Gurbaxani, Seungjin Whang

January 1991 **Communications of the ACM**, Volume 34 Issue 1

Full text available:  [pdf\(3.70 MB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

The adoption of information technology (IT) in organizations has been growing at a rapid pace. The use of the technology has evolved from the automation of structured processes to systems that are truly revolutionary in that they introduce change into fundamental business procedures. Indeed, it is believed that "More than being helped by computers, companies will live by them, shaping strategy and structure to fit new information technology [25]." While the importance of the rel ...

11 Skoll: Distributed Continuous Quality Assurance

A. Memon, A. Porter, C. Yilmaz, A. Nagarajan, D. Schmidt, B. Natarajan

May 2004 **Proceedings of the 26th International Conference on Software Engineering**

Full text available:  [pdf\(276.23 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [citations](#)

Quality assurance (QA) tasks, such as testing, profiling, and performance evaluation, have historically been done in-house on developer-generated workloads and regression suites. Since this approach is inadequate for many systems, tools and processes are being developed to improve software quality by increasing user participation in the QA process. A limitation of these approaches is that they focus on isolated mechanisms, not on the coordination and control policies and tools needed to make the global ...

12

Digital preservation: A semi-automated digital preservation system based on semantic

web services

Jane Hunter, Sharmin Choudhury

June 2004 **Proceedings of the 4th ACM/IEEE-CS joint conference on Digital libraries**Full text available:  [pdf\(357.74 KB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

This paper describes a Web-services-based system which we have developed to enable organizations to semi-automatically preserve their digital collections by dynamically discovering and invoking the most appropriate preservation service, as it is required. By periodically comparing preservation metadata for digital objects in a collection with a software version registry, potential object obsolescence can be detected and a notification message sent to the relevant agent. By making preservation so ...

Keywords: digital preservation, semantic web services**13** Software environments: Effect of auto-tuning with user's knowledge for numerical software


Takahiro Katagiri, Kenji Kise, Hiroki Honda, Toshitsugu Yuba

April 2004 **Proceedings of the 1st conference on Computing frontiers**Full text available:  [pdf\(201.60 KB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

This paper evaluates the effect of an auto-tuning facility with the user's knowledge for numerical software. We proposed a new software architecture framework, named FIBER, to generalize auto-tuning facilities and obtain highly accurate estimated parameters. The FIBER framework also provides a loop-unrolling function and an algorithm selection function to support code development by library developers needing code generation and parameter registration processes. FIBER offers three kinds of param ...

Keywords: auto-tuning, eigensolver, numerical library, parameter optimization, performance modeling**14** Special issue: AI in engineering

D. Sriram, R. Joobhani

January 1985 **ACM SIGART Bulletin**, Issue 91Full text available:  [pdf\(8.79 MB\)](#)Additional Information: [full citation](#), [abstract](#)

The papers in this special issue were compiled from responses to the announcement in the July 1984 issue of the SIGART newsletter and notices posted over the ARPAnet. The interest being shown in this area is reflected in the sixty papers received from over six countries. About half the papers were received over the computer network.

15 Internet-Based Collaborative Test Generation with MOSCITO

A. Schneider, K. Diener, E. Ivask, J. Raik, R. Ubar, P. Miklos, T. Cibáková, E. Gramatová


March 2002 **Proceedings of the conference on Design, automation and test in Europe**Full text available:  [pdf\(419.63 KB\)](#)Additional Information: [full citation](#), [abstract](#) [Publisher Site](#)

This paper offers an Internet-based environment forenhancing problem-specific design flows with test pattern generation and fault simulation capabilities. Automatic Test Pattern Generation (ATPG) and fault simulation tools at structural and hierarchical levels available at geographically different places running under the virtual environment using the MOSCITO system are presented. These tools can be used separately, or in multiple applications, for test pattern generation of digital circuits. In order ...


16 Process modeling

Bill Curtis, Marc I. Kellner, Jim Over


September 1992 **Communications of the ACM**, Volume 35 Issue 9

Full text available:  pdf(3.56 MB)Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#), [review](#)**Keywords:** analysis, modeling**17** [Integrating gesture and snapping into a user interface toolkit](#)

Tyson R. Henry, Scott E. Hudson, Gary L. Newell

August 1990 **Proceedings of the 3rd annual ACM SIGGRAPH symposium on User interface software and technology**Full text available:  pdf(1.14 MB)Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)**18** [The envoy framework: an open architecture for agents](#)


Murugappan Palaniappan, Nicole Yankelovich, George Fitzmaurice, Anne Loomis, Bernard Haan, James Coombs, Norman Meyrowitz

July 1992 **ACM Transactions on Information Systems (TOIS)**, Volume 10 Issue 3Full text available:  pdf(2.47 MB)Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

The Envoy Framework addresses a need for computer-based assistants or agents that operate in conjunction with users' existing applications, helping them perform tedious, repetitive, or time-consuming tasks more easily and efficiently. Envoys carry out missions for users by invoking envoy-aware applications called operatives and inform users of mission results via envoy-aware applications called informers. The distributed, open architecture developed for Envoys is derived from an analysis of ...

Keywords: application programmer interface, user agent**19** [Parallel execution of prolog programs: a survey](#)


Gopal Gupta, Enrico Pontelli, Khayri A.M. Ali, Mats Carlsson, Manuel V. Hermenegildo

July 2001 **ACM Transactions on Programming Languages and Systems (TOPLAS)**, Volume 23 Issue 4Full text available:  pdf(1.95 MB)Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Since the early days of logic programming, researchers in the field realized the potential for exploitation of parallelism present in the execution of logic programs. Their high-level nature, the presence of nondeterminism, and their referential transparency, among other characteristics, make logic programs interesting candidates for obtaining speedups through parallel execution. At the same time, the fact that the typical applications of logic programming frequently involve irregular computatio ...

Keywords: Automatic parallelization, constraint programming, logic programming, parallelism, prolog**20** [A cooperative approach to support software deployment using the software dock](#)

Richard S. Hall, Dennis Heimbigner, Alexander L. Wolf

May 1999 **Proceedings of the 21st international conference on Software engineering**Full text available:  pdf(1.43 MB)Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)**Keywords:** Java, configuration management, mobile agents, software deployment